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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|---|---|-----------------------------|
| In re application of: |) | Group Art Unit: 2855 |
| |) | |
| Scott |) | |
| |) | |
| Serial Number: 10/605,713 |) | Attorney Docket No. 001-240 |
| |) | |
| Filed: 10/21/2003 |) | |
| |) | |
| For: Load Cell with Reduced Sensitivity |) | |
| to Thermal Shock |) | |
| |) | |
| Examiner/GAU: Max H. Noori |) | Columbus, Ohio |
| |) | |

Amendment B

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

In response to the Office Action mailed 2005, April 8, please and the above application
as follows:

In the Claims:

1-28 (cancelled)

29. (new) A device comprising:

a load cell; with curves in the side of said load cell to equalize the strains on the load cell when an applied load is applied, wherein material is removed from the load cell sides above and below a strain gage to form said notches, where said strain gages are connected to the load cell and in close proximity to each other forming a thin gaging web, where large strains generated by one body are imparted to another body on which strain gages are mounted, increasing the transverse strain at the gage location on the second body above that which could be achieved with Poisson's ratio., where said strain gage(s) are located on a surface of the load cell that is perpendicular to the load cell, where said load cell has a connecting means on the top and bottom of said load cell., where said plurality of strain gages have the same absolute strain producing linearity, where said plurality of strain gages are mounted near each other.

REMARKS - General

By the above amendment, Applicants have amended the title to emphasize the novelty of the invention.

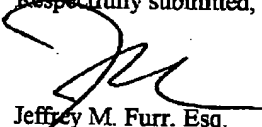
The present invention including achieving a load cell that provides improved linearity and temperature transient behavior which O'Brien U.S. Patent No. 5,222,398 did not. The current invention was designed to solve the issues of the linearity and temperature performance of S-cells that O'Brien did not address. The current invention was also designed to work specifically with chain tension.

Also applicants have rewritten all claims to define the invention more particularly and distinctly so as to overcome the technical rejections and define the invention patentably over the prior art.

Conclusion

For all of the above reasons, applicant submits that the specification and claims are now in proper form, and that the claims all define patentably over prior art. Therefore the applicant submits that this application is now in condition for allowance, which action is respectfully solicited.

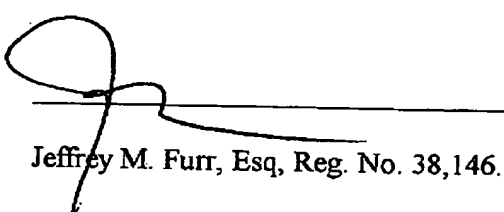
Respectfully submitted,



Jeffrey M. Furr, Esq.
Registration No. 38,146

I hereby certify I have transmitted this paper by fax to the Patent and Trademark Office at 703-872-9306 on August 8, 2005.

August 8, 2005.



Jeffrey M. Furr, Esq, Reg. No. 38,146.

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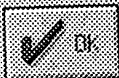
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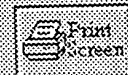
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Adjustment Detail

Authorization Detail



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PTO/SB/22 (12-04)
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| | | | |
|--|--|---|--|
| PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a) FY 2005 <i>(Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818))</i> | | Docket Number (Optional) <u>001-240</u> | |
| Application Number <u>10/608,765</u> | | Filed <u>10/21/2003</u> | |
| For <u>Lead Cell with Reduced Sensitivity to Thermal Shock</u> | | | |
| Art Unit <u>2852</u> | | Examiner <u>Musei</u> | |

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.

The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):

| | <u>Fee</u> | <u>Small Entity Fee</u> | |
|---|------------|-------------------------|--------------|
| <input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1)) | \$120 | \$60 | \$ <u>60</u> |
| <input type="checkbox"/> Two months (37 CFR 1.17(a)(2)) | \$450 | \$225 | \$ _____ |
| <input type="checkbox"/> Three months (37 CFR 1.17(a)(3)) | \$1020 | \$510 | \$ _____ |
| <input type="checkbox"/> Four months (37 CFR 1.17(a)(4)) | \$1590 | \$795 | \$ _____ |
| <input type="checkbox"/> Five months (37 CFR 1.17(a)(5)) | \$2160 | \$1080 | \$ _____ |

☒ Applicant claims small entity status. See 37 CFR 1.27.

☐ A check in the amount of the fee is enclosed.

☒ Payment by credit card. Form PTO-2038 is attached.

☐ The Director has already been authorized to charge fees in this application to a Deposit Account.

☐ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number _____ I have enclosed a duplicate copy of this sheet.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

I am the ☐ applicant/inventor.

☐ assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed (Form PTO/SB/96).

☒ attorney or agent of record. Registration Number 38,146

☐ attorney or agent under 37 CFR 1.34. Registration number if acting under 37 CFR 1.34 _____

 Signature

8/8/05
 Date

 Typed or printed name

246-967-2261
 Telephone Number

☐ Total of _____ forms are submitted.

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

This collection of information is required by 37 CFR 1.136(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.